

IN THE CLAIMS

Please cancel Claims 1-40 and 46-53 without prejudice or disclaimer of the subject matter.

Please amend Claims 41-45 to read as follows.

1-40. (Canceled).

41. (Currently Amended) A liquid ejecting head for ejecting liquid using a bubble, comprising:

an ejection outlet a plurality of ejection outlets for ejecting the liquid; liquid;  
a plurality of heat generating elements, provided for each of said ejection outlets,  
for generating heat to form a bubble, each said heat generating element having an area;  
a bubble generating region for generating the bubble in the liquid; where the  
bubbles are generated in the liquid by activation of said heat generating elements;  
a movable member, provided for each of said ejection outlets, which is disposed  
faced to said bubble generating region, and which has a region and which has a fulcrum and a free  
end located downstream of the fulcrum relative to a direction of flow of the liquid, each of said  
movable members being displaceable between a first position and a second position farther from  
the bubble generating region than the first position and which has a free end at a downstream  
side thereof; position, wherein a portion of each of said movable members facing center points  
of the areas of corresponding heat generating elements is displaceable; and

heating means for applying thermal energy to the liquid so as to move said movable members without ejecting the liquid, such that the liquid is not ejected without further application of thermal energy to the liquid,

wherein each of the movable member members is displaced from said first position to said second position by pressure based on generation of the a corresponding bubble in said bubble generating region, wherein said bubble expands the bubbles expand more to the a downstream side than to the an upstream side with respect to a direction toward said ejection outlet outlets by the displacement of said movable member, members, thus directing said bubble the bubbles toward said ejection outlet corresponding ejection outlets to eject the liquid through the ejection outlet, and liquid moving means for changing a state of said liquid by moving said liquid without ejecting said liquid outlets.

42. (Currently Amended) A liquid ejection head according to Claim 41, wherein said moving heating means vibrates causes vibration of said movable member, wherein the vibration is caused members by applying energy to bubble generation means, which energy is lower than that for ejecting the liquid.

43. (Currently Amended) A liquid ejection head according to Claim 42, wherein said the applied energy is lowered by decreasing a pulse width thereof.

44. (Currently Amended) A liquid ejection head according to Claim 42, wherein said the applied energy is lowered by decreasing a voltage level thereof.

45. (Currently Amended) A liquid ejection head according to Claim 45 42, wherein ~~said bubble generation means has a plurality of heat generating elements, and said vibration is caused by, for each movable member, one of said plurality of heat generating elements corresponding thereto, which generates a bubble not enough insufficient to eject said the liquid, causes the vibration of said movable member.~~

46-53. (Canceled)